

AMVAC **AGRICULTURAL** **BULLETIN**

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DIV. OF AG. RESOURCES

ECOZIN® 3% EC

**TO CONTROL LARVAL FLIES,
BEETLES, AND OTHER
NUISANCE PESTS**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO

EPA SLN No. ID-000009

EPA Reg. No. 5481-476

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION

ECOZIN 3% EC can be used to repel and control nuisance pests such as:

- **FLIES:** such as gnats, house flies, face flies, horn flies, stable flies.
- **BEETLES:** Darkling ground beetles (click beetles), litter beetles and other nuisance insects breeding in manure.

ECOZIN 3% EC can be used in/on poultry farms for treating bird droppings or manure and refuse piles from layers (caged or non-caged), broilers, pullets and chicken brooders, turkey and other bird farms; Cattle sheds, loafing sheds, pastures and feed lots for beef and dairy cattle; Pig pens, and swine operations; Horse stables, corrals and barns; sheep and goat pastures.

ECOZIN 3% EC can be sprayed onto or inside building structures to repel adult insect populations -e.g. on barns, rafters, doorways and other structures.

DIRECTIONS FOR USE

POULTRY -- When used according to label directions, ECOZIN 3% EC will control fly and beetle larvae and pupae. Use at a maximum rate of 22.5 oz per application per acre (or 10 oz per 20,000 square feet coop or shed) diluted in 20 to 40 gallons of water per acre. Buffer water to pH below 6.5 if needed. Apply only as a directed spray to the bird droppings, manure and refuse piles. Ensure thorough coverage. Can be applied through specialized equipment such as composters to incorporate ECOZIN 3% EC into manure. Can be tank-mixed with other insecticides to also control adults. Make applications 5 to 7 days apart for at least 4 weeks. In case of warm weather or high insect pressure, additional applications may be needed. Monitor for larval activity in the manure to determine additional applications. Can be rotated with other products such as LARVADEX™. Add a spray oil or surfactant to enhance penetration into manure and refuse piles.

BEEF and DAIRY CATTLE, PIG PENS, LOAFING SHEDS, HORSE STABLES and BARNs, SHEEP and GOAT PASTURES, MANURE and REFUSE PILES -- Use at the rate of 0.5 oz per 1000 square feet (not to exceed 22.5 oz per acre per application) diluted in 20 to 40 gallons of water per acre. Make coarse directed spray applications on fly and beetle breeding sites. Ensure thorough coverage. Make weekly applications during fly breeding season. Add a spray oil or surfactant to enhance penetration into manure and refuse piles.

Follow all applicable directions, restrictions and precautions on the EPA-registered label.

This labeling must be in the possession of the user at the time of pesticide application.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Limitation of Warranty and Liability before using this product.

ECOZIN[®] is a Registered Trademark of AMVAC Chemical Corporation
LARVADEX[™] is a trademark of Novartis Animal Health US Inc.

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